

# **Declaration of Andre Golueke**

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17 UNITED STATES DISTRICT COURT

18 NORTHERN DISTRICT OF CALIFORNIA, OAKLAND DIVISION

20 CHASOM BROWN, *et al.*, individually and  
21 on behalf of all similarly situated,

Case No. 4:20-cv-03664-YGR-SVK

22 Plaintiff,

**DECLARATION OF ANDRE GOLUEKE  
IN SUPPORT OF GOOGLE'S  
OPPOSITION TO PLAINTIFFS'  
REQUEST FOR AN ORDER FOR  
GOOGLE TO SHOW CAUSE FOR WHY  
IT SHOULD NOT BE SANCTIONED FOR  
DISCOVERY MISCONDUCT**

23 vs.

24 GOOGLE LLC,  
25 Defendant.  
26

Referral: Hon. Susan van Keulen, USMJ

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## DECLARATION OF ANDRE GOLUEKE

I, Andre Golueke, declare as follows:

1. I am a Strategy and Operational Support Lead within the Legal Department at Google LLC. I make this declaration based on personal knowledge and information provided to me by Google colleagues and, if called to testify, I could and would competently testify to such facts.

2. I have worked at Google since July 2011, and have worked on the Discovery Team in Google's Legal Department for that entire time. In my role on the Discovery Team, I have become familiar with Google's systems, including its many data repositories. I have also developed expertise at determining how to locate documents that are relevant and responsive to document requests, including by working with product managers and engineers familiar with specific data sources and identifying how best to obtain relevant data. In my current role, I oversee a team of eighteen members of Google's Legal Department, all of whom work on various aspects of discovery.

3. On February 17, 2021, I submitted a declaration in *Calhoun v. Google* related to the burden associated with categorically preserving all My Activity, Analytics, and Display Ads logs that may contain potentially relevant information. I understood from Plaintiffs' complaint in that action that Chrome, Display Ads, and Analytics were the products relevant to their claims. To prepare that declaration, I conducted interviews with relevant Google colleagues to determine how they had compiled potentially relevant log sources and understand what the preservation burden associated with those log sources was. Based on my own personal knowledge and the knowledge I acquired as a result of interviews with relevant Google subject matter experts from [REDACTED] Analytics, and Display Ads logs, I explained that categorical preservation would entail storing an estimated [REDACTED] of additional data every 30 days.

4. Since February 17, 2021, I have received periodic updates from the Google personnel who have been working to comply with Google’s discovery obligations in *Brown v. Google* and *Calhoun v. Google* in general, and the Special Master process in particular.

1       5.     On November 12, 2021, this Court ordered Google to provide a declaration  
2 attesting to the relevant sources identified, searches conducted, and data produced through the  
3 Special Master process. *See* Dkt. 332 at 8 (“Google shall provide a declaration, under penalty of  
4 perjury from Google, not counsel, that 1. ***To the best of its knowledge, Google has provided a***  
5 ***complete list of data sources that contain information relevant to Plaintiffs’ claims;*** and 2. All  
6 responsive data related to the Named Plaintiffs have been produced from all searched data sources  
7 in the respective prior searches.”) (emphasis added).

8       6.     To prepare a declaration in response to the Court’s November 12 order, I worked  
9 with Google engineers and other Google personnel and discussed how they went about identifying  
10 and searching relevant sources subject to the Special Master process. In particular, I had  
11 conversations with and asked questions of engineers who work regularly with the sources related  
12 to [REDACTED] Analytics, and Display Ads to understand how they had searched for and identified  
13 relevant sources. Through this process, Google compiled a list of [REDACTED] sources for this case. Those  
14 sources covered different products and storage systems, including: Ad Manager and Analytics  
15 [REDACTED] logs, [REDACTED] key-value databases ([REDACTED] and Analytics tables  
16 ([REDACTED])).

17       7.     On November 18, 2021, I submitted a declaration in *Brown v. Google* in response  
18 to the Court’s November 12, 2021 order. *See* Dkt. 338. I attested that “[t]o the best of my  
19 knowledge and informed understanding, Google has provided a complete list of sources that  
20 contain information about Plaintiffs relevant to Plaintiffs’ claims.” *Id.* ¶ 3. The [REDACTED] separate data  
21 sources were listed in Exhibit A. *See* Dkt. 338-1. That declaration was accurate and complete to  
22 my knowledge, information, and belief at the time.

23       8.     I am now informed that a dispute has arisen related to whether additional log  
24 sources that include certain specific fields should have been listed in the declaration. Specifically,  
25 I understand that Plaintiffs assert that the declaration should have listed (1) all logs that contained  
26 a particular Boolean field (known as “bit”), with the name [REDACTED]  
27 [REDACTED]”; and (2) various  
28

1 [REDACTED] logs that contained two additional bits with the names [REDACTED]  
2 [REDACTED].

3 9. In preparing my November 18 declaration, I referred to the Court's order and  
4 Plaintiffs' class definition to get an understanding of what data sources were relevant to Plaintiffs'  
5 claims in this matter. At the time, Plaintiffs' class was limited to users of private browsing  
6 software who visited third-party websites that used Google Analytics and Google Ad Manager.  
7 Dkt 136-1 at 55. With that definition and those products in mind, I communicated with Google  
8 product managers and engineers knowledgeable about those services in order to identify data  
9 sources, principally logs, containing relevant data about the claims and products at issue in the  
10 case. This culminated in the list of [REDACTED] data sources identified in my declaration, and based on my  
11 knowledge of Google's systems, past experience, and discussions with relevant personnel, I  
12 verified that to the best of my knowledge that Google had provided a complete list of data sources  
13 containing information relevant to Plaintiffs' claims.

14 10. As discussed above, my focus in compiling the data sources was to search for logs  
15 and other sources that contained event-level user data (*i.e.*, data generated based on users' actions)  
16 relevant to the products and claims at issue. It was not focused on identifying every data source  
17 that contained a particular field name or particular fields. Among other reasons, given the vast  
18 number of data sources maintained at Google and the substantial number of fields (sometimes  
19 numbering in the tens of thousands) contained in each source, attempting to identify relevant  
20 fields, or attempting to identify every data source containing particular fields, would have been  
21 very burdensome. Instead, I relied upon my experience and discussions with product managers  
22 and engineers who work directly on the products and the topics related to Plaintiffs' claims to  
23 identify the data sources containing relevant data. I understand that Plaintiffs claim that Google  
24 should have attempted to identify every data source that contained fields related to the

25 [REDACTED]  
26 [REDACTED] " bit. But I do not  
27 believe that conducting searches by field names made sense given how many sources and fields  
28 exist at Google, given how many have nothing to do with the products and claims at issue here,

1 and given that there is no available tool to search all of Google's data sources and filter by field  
2 name. Furthermore, at the time I was preparing my declaration, I was not aware that the  
3 [REDACTED]

4 [REDACTED]" bit existed.

5 11. I also understand that Plaintiffs argue that the list included in my declaration should  
6 have included logs containing the [REDACTED]" and "[REDACTED]"  
7 bits. I understand from discussions with engineers at Google that these bits were created by the  
8 [REDACTED] team within Google Search and stored in that team's [REDACTED] logs. At the time I  
9 conducted my search for data sources containing information relevant to Plaintiffs' claims,  
10 Plaintiffs' class definition was limited to users who had visited third-party websites that employed  
11 Google Ads and Analytics, and did not relate to users of Google Search, which is owned and  
12 operated by Google. Dkt 136-1 at 55. Accordingly, I did not consult engineers or other Google  
13 personnel associated with Google Search or [REDACTED] logs when preparing my declaration, and did  
14 not include those logs on the list I provided with my declaration. At the time I prepared my  
15 declaration, I was not aware that those logs contained fields labeled [REDACTED]" or  
16 [REDACTED]".

17 I declare under penalty of perjury of the laws of the United States that the foregoing is true  
18 and correct.

19 Executed in Sarasota, Florida, on April 1, 2022.

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21 Andre Golueke  
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